

09/020301



|                      |          |
|----------------------|----------|
| 204                  | 286      |
| Class                | Subclass |
| ISSUE CLASSIFICATION |          |



PATENT NUMBER

5871624



# U.S. UTILITY PATENT APPLICATION

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| O.I.P.E.<br>SCANNED <i>CK</i> O.A. <i>ME</i> | PATENT DATE<br>FEB 16 1990 |
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|--------|--------------------------------|------------------------|--|-----------------------|
| SECTOR | CLASS <i>204</i><br><i>261</i> | SUBCLASS<br><i>286</i> | ART. UNIT<br><i>1724</i><br><i>171</i> | EXAMINER<br><i>11</i> |
|--------|--------------------------------|------------------------|--|-----------------------|

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(Attached in pocket on right inside flap)

## PREPARED AND APPROVED FOR ISSUE

## ISSUING CLASSIFICATION

| ORIGINAL                     |          | CROSS REFERENCE(S) |                                   |  |  |  |  |
|------------------------------|----------|--------------------|-----------------------------------|--|--|--|--|
| CLASS                        | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |          |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
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|--|--|-------------------------|------------------------|---|----------------------------------|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>  | DRAWINGS   |                         |                        | CLAIMS ALLOWED  |                                  |
|  | Sheets Drwg.<br><i>4</i>   | Figs. Drwg.<br><i>4</i> | Print Fig.<br><i>4</i> | Total Claims<br><i>11</i>                                       | Print Claim for O.G.<br><i>1</i> |
| <input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.                      | _____ (Assistant Examiner) _____ (Date)  |                         |                        | NOTICE OF ALLOWANCE MAILED<br><br><i>9-10-98</i>                |                                  |
| <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent No. _____ | BRUCE F. BELL<br>PRIMARY EXAMINER<br>GROUP 1100<br><br><i>Bruce F. Bell</i> <i>9-8-98</i><br>(Primary Examiner) (Date) |                         |                        | ISSUE FEE<br>Amount Due <i>1320.00</i> Date Paid <i>10-1-98</i> |                                  |
| <input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.                               | <i>A. Singleton</i> <i>9-11-98</i><br>(Legal Instruments Examiner) (Date)  |                         |                        | ISSUE BATCH NUMBER<br><i>780</i>                                |                                  |

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(Rev. 10/97)

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ISSUE FEE IN FILE

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|------------------------------------|--|-------------------------|--|-----|------|------|
| PATENT NUMBER                      |  | ORIGINAL CLASSIFICATION |  |     |      |      |
|                                    |  | CLASS                   | SUBCLASS   |     |      |      |
|                                    |  | 204                     | 286  |     |      |      |
| APPLICATION SERIAL NUMBER          |  | CROSS REFERENCE(S)      |  |     |      |      |
| 09/020301                          |  | CLASS                   | SUBCLASS<br>(ONE SUBCLASS PER BLOCK)                 |     |      |      |
| APPLICANT'S NAME (PLEASE PRINT)    |  | 204                     | 279  | 280 | 281  | 297R |
| Cronie                             |  |                         | 288  | 289 | 290R | 421  |
| IF REISSUE, ORIGINAL PATENT NUMBER |  | 422                     | 120  | 122 |      |      |
|                                    |  | 429                     | 27   | 30  | 31   | 32   |
| INTERNATIONAL CLASSIFICATION 6     |  | 429                     | 38   | 39  | 40   |      |
| C 2 S B                            |  | 204                     | 265  | 266 | 277  | 278  |
| 11/00                              |  | 204                     | 263  | 275 |      |      |
|                                    |  | GROUP<br>ART UNIT       | ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME) |     |      |      |
|                                    |  | 1741                    | Bruce F. Bell  |     |      |      |
|                                    |  |                         | PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)   |     |      |      |
|                                    |  |                         |  |     |      |      |

RTO 270  
(REV. 5-91)

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